INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference FB/BM45417	FOR FURTHER see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/EP 00/09495	26/09/2000	30/09/1999
Applicant	-	
SMITHKLINE BEECHAM BIOLOG	ICALS S.A.	
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International Searching Aut ansmitted to the International Bureau.	hority and is transmitted to the applicant
This International Search Report consists It is also accompanied by	of a total of3 sheets. a copy of each prior art document cited in this	report.
Basis of the report		- -
	international search was carried out on the ba ess otherwise indicated under this item.	sis of the international application in the
the international search w Authority (Rule 23.1(b)).	as carried out on the basis of a translation of t	he international application furnished to this
was carried out on the basis of the		nternational application, the international search
Tiled together with the inte	rnational application in computer readable for	n.
	this Authority in written form.	
	this Authority in computer readble form.	less not as housed the disclosure in the
	sequently furnished written sequence listing of sfiled has been furnished.	des not go beyond the disclosure in the
the statement that the info furnished	ormation recorded in computer readable form i	s identical to the written sequence listing has been
2. Certain claims were fou	nd unsearchable (See Box I).	
3. Unity of invention is lac	king (see Box II).	
4. With regard to the title ,		
the text is approved as su	bmitted by the applicant.	
LI	hed by this Authority to read as follows:	
IMMUNOGENIC POLYPEPTII	DE DERIVED FROM MORAXELLA CA	TARRHALIS AND USES THEREOF
5. With regard to the abstract,		
	ibmitted by the applicant. hed, according to Rule 38.2(b), by this Authori date of mailing of this international search rep	
6. The figure of the drawings to be publ	ished with the abstract is Figure No.	1
as suggested by the appli		None of the figures.
because the applicant fail	•	
pecause this figure better	characterizes the invention.	

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International Application No PCT

00/09495 A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C12N15/31 C12N C07K16/12 C12N15/63 C07K14/195 G01N33/53 A61K39/02 G01N33/68 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) C12N C07K GO1N A61K IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, STRAND C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. 1 - 26MYERS, L.E. ET AL.: "The Transferrin Α Binding Protein B of Moraxella catarrhalis Elicits Bactericidal Antibodies and Is a Potential Vaccine Antigen" INFECTION AND IMMUNITY, vol. 66, no. 9, September 1998 (1998-09), pages 4183-4192, XP002118475 the whole document -/--Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the 'A' document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international "X" document of particular relevance: the claimed invention filing date cannot be considered novel or cannot be considered to *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication due of another involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the citation or other special reason (as specified) document referring to an oral disclosure, use, exhibition or document is combined with one or more other such doc ments, such combination being obvious to a person skilled in the art. other means document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 8 March 2001 02/04/2001 Name and mailing address of the ISA Authorized officer

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Internationa	l Application No
PCT	00/09495

•	Citation of document, with indication, where appropriate, of the relevant passages EMBL Database, Heidelberg, FRG Swissprot accession number Q57523 1 November 1997 FLEISCHMANN, R.D. ET AL.: "Hypothetical	Relevant to claim No.
	EMBL Database, Heidelberg, FRG Swissprot accession number Q57523 1 November 1997 FLEISCHMANN, R.D. ET AL.: "Hypothetical	
A	Swissprot accession number Q57523 1 November 1997 FLEISCHMANN, R.D. ET AL.: "Hypothetical	1-26
	Protein HI0696" XP002162427	
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